

NEW JERSEY CROP WEATHER

Week ending July 30, 2001

Issue
NJ-CW3001

In Cooperation With:
U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

Agricultural Summary

A slow moving cold front triggered scattered showers and thunderstorms across the state last week. While the resulting cooler temperatures brought some relief, the rains did little to replenish soil moisture levels. Days suitable for field work 5.6. Topsoil moisture supplies were rated 5% very short, 43% short and 52% adequate. Winter Wheat harvested 100%. Barley harvested 100%. Corn silked 81%. Corn condition was rated 1% very poor, 2% poor, 45% fair, 49% good and 3% excellent. Soybeans blooming 75%. Soybean condition was rated 11% fair and 89% good. Some producers have delayed finishing their second cutting of hay due to dry conditions. Activities included scouting and spraying fields for insect and disease problems, weeding, fertilizing, and irrigating fruit and vegetable crops. Vegetable producers continued harvesting cabbage, cucumbers, summer potatoes, peppers, and fresh market tomatoes. Crop condition for tomatoes, peppers and pumpkins was rated as mostly good, although producers reported minor disease problems in some fields. Sweet corn was rated in mostly good condition with harvest nearly 40% complete in some areas. Cantaloupe, lima beans, and carrots were also rated in mostly good condition. Cranberries were rated in mostly good condition. Blueberries were rated in mostly good to excellent condition with harvest nearly 75% completed in some areas. Peaches were rated in mostly good condition with producers continuing to make good progress harvesting early varieties. Apples were also rated in mostly good condition by producers.

WEATHER SUMMARY FOR THE WEEK ENDING 8:00 A.M. MONDAY

Climate summary for the week ending 8am 7/30/01

Temperatures averaged below normal. Extremes were 98 degrees at Pemberton on the 25th and 48 degrees at Charlotteburg on the 27th. Weekly rainfall averaged 0.40 inches north, 0.15 inches central, and 0.64 inches south. The heaviest 24 hour total reported was 1.69 inches at Cape May Courthouse on the 26th to 27th.

Estimated soil moisture, in percent of field capacity, this past week averaged 66 percent north, 59 percent central and 45 percent south. Four inch soil temperatures averaged 72 degrees north, 74 degrees central and 74 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 7/30/01

WEATHER STATIONS	R A I N F A L L			TEMPERATURE				GDD BASE50		MON %FC
	WEEK	TOTAL	DEP	MX	MN	AVG	DEP	TOT	DEP	
BELVIDERE BRIDGE	.84	20.45	1.02	93	54	72.	-2	1649	119	66
CANOE BROOK	.22	21.07	.56	97	52	74.	-1	1759	237	61
CHARLOTTEBURG	.22	18.43	-2.24	94	48	71.	-2	1421	254	50
FLEMINGTON	.28	24.85	4.98	91	54	73.	-1	1598	29	72
LONG VALLEY	.66	18.03	-3.24	88	52	69.	-4	1353	8	67
NEWTON	.18	18.15	-.81	93	52	71.	-3	1577	198	54
FREEHOLD	.00	20.07	.81	95	54	76.	1	1903	219	59
LONG BRANCH	.39	20.82	1.69	94	56	75.	0	1732	126	56
NEW BRUNSWICK	.00	21.40	2.18	94	54	74.	-1	1781	9	67
PEMBERTON	.30	16.54	-2.73	98	50	73.	-3	1822	98	49
TOMS RIVER	.06	17.55	-2.20	94	53	73.	-2	1799	187	37
TRENTON	.15	20.07	1.66	93	55	75.	-2	1887	44	45
ATLANTIC CITY MARINA	.73	13.10	-3.28	86	63	74.	-1	1904	287	51
CAPE MAY COURT HOUSE	2.05	16.41	-.60	91	56	74.	-3	1924	206	98
DOWNTOWN	.38	15.16	-2.81	91	54	73.	-4	1857	2	48
GLASSBORO	.08	19.09	.14	94	60	76.	-1	2050	219	28
HAMMONTON	.46	14.55	-4.45	94	54	74.	-3	1929	100	36
POMONA	.20	14.43	-2.66	93	54	74.	-1	1850	145	33
SEABROOK	.55	20.51	3.13	91	58	74.	-3	2026	164	45
SOUTH HARRISON	.25	19.40	.22	91	57	74.	NA	1954	NA	NA

*Some values for Flemington were estimated for the period April-May

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